

**EROSION CONTROL**

1. AN N.O.T. AND SWPPP SHALL BE SUBMITTED FOR THIS PROJECT BY THE GENERAL CONTRACTOR. THE CONTRACTOR SHALL SIGN THE DOCUMENTATION AND SUBMIT TO NORTH DAKOTA HEALTH DEPARTMENT AND THE CITY OF BISMARCK. CONTRACTOR SHALL NOT START THE PROJECT UNTIL RECEIVING AN APPROVAL LETTER FROM THE NORTH DAKOTA HEALTH DEPARTMENT AND THE CITY OF BISMARCK.
2. CONTRACTOR SHALL IMPLEMENT APPROPRIATE EROSION CONTROL BEFORE BEGINNING ANY EARTHWORK ACTIVITIES AS DESIGNED. NOTE: EROSION CONTROL ITEMS SHOWN SHALL BE IMPLEMENTED AT APPROPRIATE STAGES OF CONSTRUCTION ONLY.
3. CONTRACTOR SHALL CONTROL DUST BLOWING THROUGHOUT PROJECT.
4. CONTRACTOR SHALL SEED AND MULCH DISTURBED AREAS. SEEDING SHALL CONSIST OF CLASS III SEED, AND MULCH SHALL BE IN ACCORDANCE WITH CITY OF BISMARCK SPECIFICATIONS SECTION 1200. STEEP SLOPES SHALL BE TOPSOILED, SEEDED & MULCHED WITHIN 2 WEEKS OF GRADING.
5. CONTRACTOR SHALL HAVE A COPY OF THE SWPPP AND EROSION CONTROL PLAN ON-SITE AT ALL TIMES.
6. WEEKLY (PLUS WITHIN 24 HOURS OF A STORM WATER EVENT) INSPECTIONS OF THE CONSTRUCTION SITE WILL BE PERFORMED BY PERSONNEL FAMILIAR WITH ALL ASPECTS OF THE SWPPP AND THE IMPLEMENTED CONTROL PRACTICES. INSPECTIONS WILL INCLUDE THE REVIEW OF ALL DISTURBED AREAS, STRUCTURAL AND NON-STRUCTURAL CONTROL MEASURES, MATERIAL STORAGE AREAS AND VEHICULAR ACCESS POINTS.
7. INSPECTIONS WILL BE PERFORMED AT LEAST ONCE EVERY 7 DAYS OR WITHIN 24 HOURS OF A STORM EVENT GREATER THAN 0.5 INCHES OF RAIN WITHIN A 24 HOUR PERIOD.
8. EROSION CONTROL FOR PROJECT DESIGNATES A MINIMUM EFFORT TO CONTROL AND CONTAIN EROSION SEDIMENTS. CONTRACTOR SHALL USE DUE DILIGENCE TO CONTROL EROSION.
9. SEDIMENT TRACKING ONTO ADJACENT STREETS WILL BE PROHIBITED. STREETS SHALL BE CLEANED WITHIN 48 HOURS IF SEDIMENT TRACKING OCCURS.
10. ONCE ALL DISTURBED AREAS HAVE BEEN SEEDED AND MULCHED AND THE SITE DEMONSTRATES A MINIMUM OF 70% VEGETATIVE GROWTH, THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR EROSION CONTROL REMOVAL.
11. CONCRETE WASHOUT AREAS WILL BE INDICATED BY A SIGN. WASHOUT AREAS WILL CONSIST OF A HOLE IN THE GROUND A MINIMUM OF 3 FEET DEEP. CONCRETE WILL BE ROUTINELY REMOVED AND DISPOSED OF OFF-SITE. WASHOUT AREAS SHALL NOT BE LOCATED IN A CONVEYANCE WATERWAY. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF CONCRETE WASHOUT AREAS AT THE END OF THE PROJECT. CONTRACTOR SHALL SEED THIS/THOSE AREAS AT THE END OF THE PROJECT.

**GRADING**

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AN EROSION MANAGEMENT PLAN AND FOR THE IMPLEMENTATION AND MAINTENANCE OF THE PLAN. THE GENERAL CONTRACTOR SHALL CONTROL ON SITE EROSION SO AS NOT TO DISCHARGE ERODED MATERIAL ONTO ADJACENT PROPERTIES OR DOWN STREAM WITHOUT APPROVAL FROM THE OWNER AND THE CIVIL ENGINEER. IF ANY EXCAVATION OR EMBANKMENT MATERIAL DOES FLOW ONTO EXISTING IMPROVEMENTS, THE CONTRACTOR SHALL IMMEDIATELY RECTIFY THE PROBLEM AND REPAIR DAMAGES.
2. THE OWNER WILL SUBMIT A STORM WATER MANAGEMENT PLAN TO THE CITY TO RECEIVE SITE PLAN APPROVAL. A COPY OF THE PLAN IS AVAILABLE AT THE CIVIL ENGINEERS OFFICE. THE PLAN IDENTIFIES THE MINIMAL EFFORT THAT THE CONTRACTOR MUST IMPLEMENT. THE GENERAL CONTRACTOR SHALL LEAVE APPROPRIATE EROSION CONTROL ITEMS IN PLACE UNTIL AN ACCEPTABLE GRASS STAND HAS BEEN ESTABLISHED.

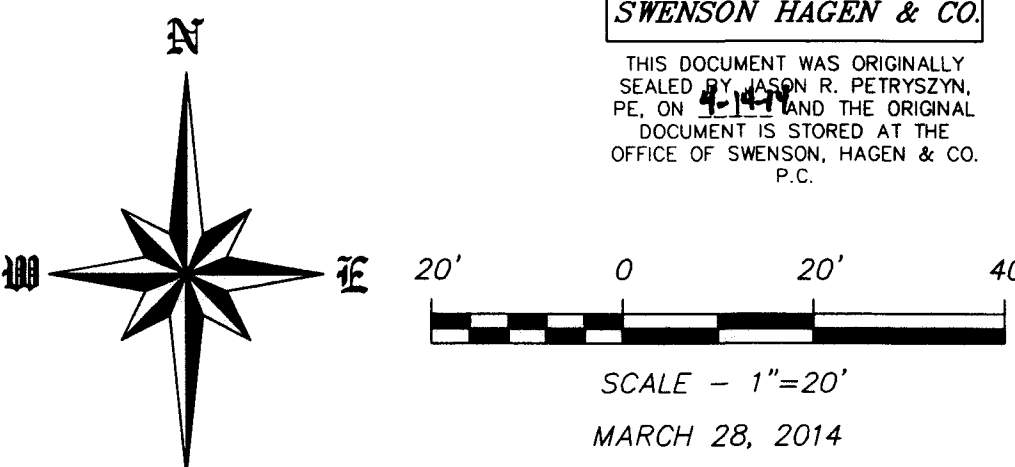
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**BENCH MARKS (NAVD 88 DATUM)**

NE PROPERTY CORNER  
ELEV. 1657.75  
NW PROPERTY CORNER  
ELEV. 1658.06  
SE PROPERTY CORNER  
ELEV. 1657.30  
SW PROPERTY CORNER  
ELEV. 1656.61

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**NORTH DAKOTA**  
**UTILITIES UNDERGROUND LOCATION SERVICE**  
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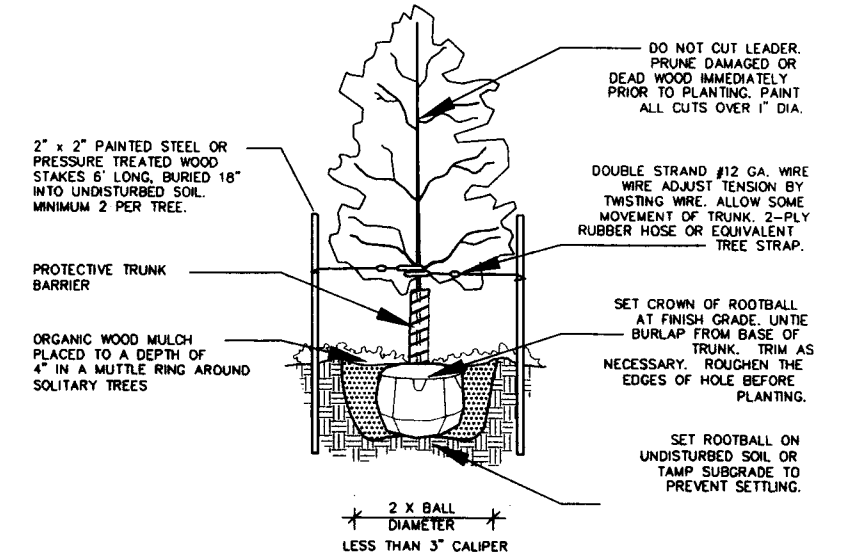
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**NOTES**

1. WATER SERVICE LINE SHALL BE CLASS 200 POLY. PROVIDE A CURB VALVE AND BOX MEETING RURAL WATER STANDARDS. ADJUST THE BOX TO 1" ABOVE FINISHED GRADE.
2. COORDINATE LOCATION AND ELEVATION OF THE WATER AND SEWER CONNECTION LOCATIONS AT BUILDING WITH OWNER.
3. PERFORM GRADING TO THE ELEVATIONS SHOWN. THOROUGHLY COMPACT AND MOISTURE CONDITION THE AREAS TO RECEIVE GRAVEL. PERFORM GRAVELING TO A 4" COMPACTED THICKNESS USING CLASS 5 ROAD GRAVEL OR OTHER OWNER ACCEPTED MATERIAL.
4. SEPTIC SYSTEM DESIGNED FOR 1 SINK, 1 TOILET.

**PLANT PALETTE**

SYM.	COMMON NAME	SCIENTIFIC NAME	SIZE	QNTY.
SM	SILVER MAPLE	Acer saccharinum	2" Cal.	7



**GENERAL LANDSCAPING NOTES**

PROTECT THE IMPROVEMENTS ON SITE AND ON THE ADJOINING PROPERTIES. PROVIDE BARRICADES, COVERINGS OR OTHER TYPE OF PROTECTION AS NECESSARY TO PREVENT DAMAGE AND TO SAFEGUARD AGAINST INJURY TO EXISTING UTILITIES.

ALL LANDSCAPE PLANTINGS ARE TO BE WATERED BY THE LANDSCAPE CONTRACTOR THE SAME DAY THAT THE PLANTING OCCURS. THE OWNER WILL BE RESPONSIBLE FOR PROVIDING WATER FOR THIS TASK. IF WATER IS NOT AVAILABLE AT THE BUILDING, THE LANDSCAPE CONTRACTOR SHALL PROVIDE ALTERNATIVE METHODS FOR WATERING.

SOLITARY TREES DO NOT NEED TO BE EDGED AROUND, HOWEVER ORGANIC WOOD MULCH SHALL BE PLACED AROUND THE TREE IN A MUTILLE RING THAT CONFORMS TO THE DETAIL PROVIDED FOR TREE PLANTINGS.

ALL PORTIONS OF THE SITE THAT IS DISTURBED BY CONSTRUCTION SHALL BE COVERED WITH A MINIMUM OF 6" OF TOPSOIL AND SEEDED AS SOON AS PRACTICAL TO MINIMIZE WIND AND WATER EROSION.

ALL IMPORTED TOPSOIL SHALL BE NATURAL, FRIABLE, FERTILE, FINE, SANDY-LOAM TOPSOIL. IT SHALL BE FREE FROM SUBSOIL, NOXIOUS WEEDS, STONES, LIME, CEMENT, ASHES, SLAG, OR OTHER DELETERIOUS MATTER.

**LEGEND EXISTING ITEMS**

- ASPHALT PAVING
- CONCRETE
- GRAVEL
- RISER
- GUARD POST
- UNDERGROUND ELECTRIC
- UNDERGROUND TELEPHONE
- UNDERGROUND CABLE TV
- SIGN
- CONTOUR

**PROPOSED LEGEND**

- WATERMAIN
- CONCRETE
- GRAVEL
- EROSION CONTROL

DATE: \_\_\_\_\_

REVISION: \_\_\_\_\_

PROJECT: **KBK WAREHOUSE**  
**LOT 1 BLOCK 2**  
**METRO INDUSTRIAL PARK 2ND REPLAT**  
**BISMARCK, NORTH DAKOTA**

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